



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshinori IKETAKI et al.

Serial No. 09/814,125

Filed March 22, 2001

DOUBLE-RESONANCE-ABSORPTION  
MICROSCOPE

: Confirmation No. 2053

: Docket No. 2001\_0327A

: Group Art Unit 2872

: Examiner Audrey Y. Chang

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

RECEIVED  
MAR 31 2003  
TECHNOLOGY CENTER 2800  
1313  
S 31/3/03  
Sub 1313

AMENDMENT

Assistant Commissioner for Patents,  
Washington, D.C.

Sir:

Responsive to the Office Action of October 24, 2002, a one month extension of time being filed concurrently herewith, please amend the above-identified application as follows.

In the Claims:

**Kindly cancel claims 1-73 presently pending in this application without prejudice.**

**Kindly add the following new claims 74-80.**

74. A double-resonance absorption microscope comprising:

a pump light source for emitting a pump light having a wavelength  $\lambda_1$  so as to excite a sample molecule from a ground state to a first electronic excited state;

an erase light source for emitting an erase light having a wavelength  $\lambda_2$  so as to excite the sample molecule from the first electronic excited state to at least a second electronic excited state;

an overlap component for partially overlapping irradiating areas of the pump light and the erase light with each other so that an emission area is partially inhibited during de-

Sub  
D1